Dynamics Of Coastal Erosion

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All graphics in this presentation come from

"LIVING ON THE COAST"

A pending publication of the U.S. Army Corps of Engineers and the University of Wisconsin Aquatic Sciences Center

What Is Erosion?

Soil particles lose their grip on one another, lose their position, succumb to gravity, and move

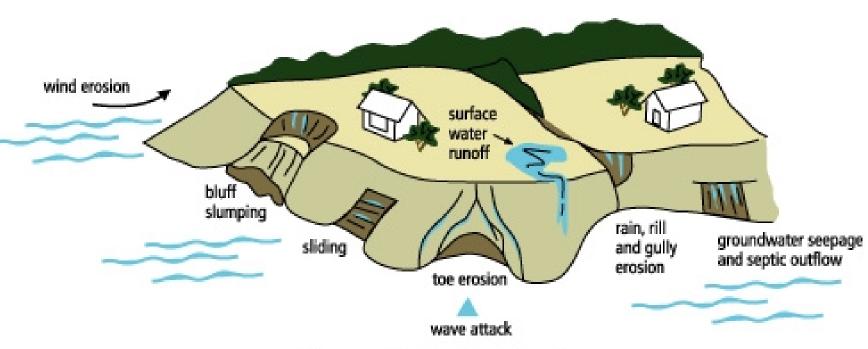
Forces At Work To Cause Erosion

- Gravity
- Ground water
- Surface water
- Freezing and thawing
- Wind
- Waves

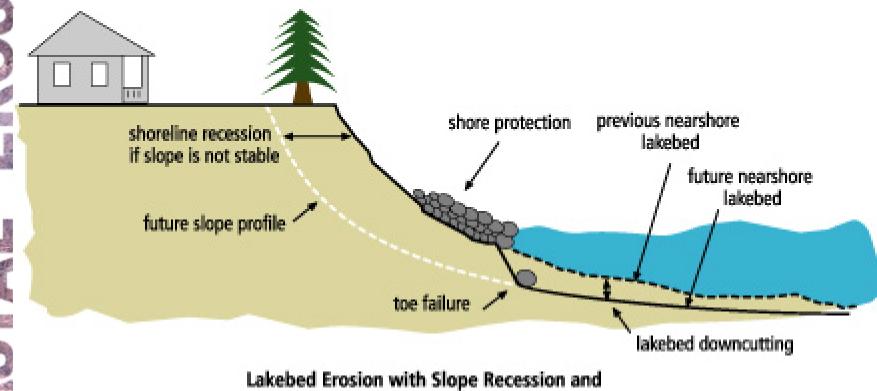
Types Of Erosion That Affect Coastal Property

- Lakebed erosion
- Beach erosion
- Slope erosion

Causes Of Coastal Erosion

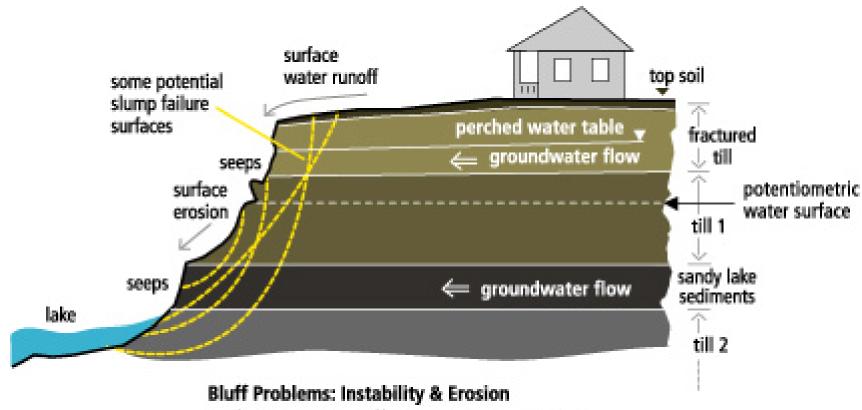


Causes and Effects of Coastal Erosion



Failure of Shore Protection Structure

Water And Erosion In And On A Coastal Slope



Surface Water Runoff Groundwater Seepage

A Special Concern On Wisconsin's Lake Superior Coast:

Soil Creep

Understanding Erosion On Lake Superior Is A Work In Progress